UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/774,302	01/30/2001	Anand Prahlad	044463.0040	1024

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EXAMINER
NAMAZI, MEHDI

ART UNIT	PAPER NUMBER
2188	11

DATE MAILED: 06/24/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 07-01)

	Application No.	Applicant(s)
Office Action Summary	09/774,302	PRAHLAD ET AL.
	Examiner	Art Unit
	Mehdi Namazi	2188

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address —

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *30 January 2001* .

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-11* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-11* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *30 January 2001* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____ .

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14)☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) *4 and 9* .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

U.S. Patent and Trademark Office
PTO-326 (Rev. 04-01)   Office Action Summary   Part of Paper No. 11

DETAILED ACTION

1.   This office action is in response to the application filed

January 30, 2001.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs

of 35 U.S.C. 102 that form the basis for the rejections under

this section made in this Office action:

> A person shall be entitled to a patent unless -
>
> (e) the invention was described in-
> (1) an application for patent, published under section 122(b), by
> another filed in the United States before the invention by the applicant
> for patent, except that an international application filed under the
> treaty defined in section 351(a) shall have the effect under this
> subsection of a national application published under section 122(b) only
> if the international application designating the United States was
> published under Article 21(2)(a) of such treaty in the English language;
> or
> (2) a patent granted on an application for patent by another filed in
> the United States before the invention by the applicant for patent,
> except that a patent shall not be deemed filed in the United States for
> the purposes of this subsection based on the filing of an international
> application filed under the treaty defined in section 351(a).

3.   Claims 1-11 are rejected under 35 U.S.C. 102(e) as being

anticipated by Aoyama et al.(Aoyama)(U.S. Patent No. 6,301,592).

As per claim 1, Aoyama teaches a document management

system("a modular data and storage management system"; col. 1,

lines 11-12), comprising: each version information includes a

version name, a creator or writer of the version, a version data

and time ("a time variance interface that provides for storage

into a storage media of data that is received over time, the time

variance interface of the modular data and storage management

system providing for retrieval, from the storage media, of an

indication of the data corresponding to a user specified date;

col. 2, lines 44-48), and

in this connection, "version management" indicates

management of information items such as a version number of a

document or a program source and a creation date of each version

such that when a user edits and updates documents and program

sources, it is possible to store and to retrieve any version of

documents and program sources("the retrieved indication of the

data providing a user with an option to access specific.

information relative to the data, such as content of files that

are included in the data"; col. 1, lines 38-44).

As per claim 2, Aoyama teaches to manage a large volume of

documents of a firm in a concentrated manner for efficient use

thereof, there has been an increasing need of a document to be

retrieved and read therefrom("the retrieved data comprises

exchange data";col. 1, lines 20-25).

As per claim 3, Aoyama teaches the user can easily recognize

a relationship between a particular version of CPP file and a

header file of a particular version. Therefore, the user can

easily select and compile the program at an arbitrary point of
time in the past. Moreover, the process of program development
can be easily known("a logical view of the retrieved data is
provided such that only a portion of the data is retrieved until
specifically requested by a user"; col. 10, lines 58-63).

As per claim 4, Aoyama teaches a display image in which
version information is combined with configuration
information("the logical view creates a state of the modular data
and storage management system that corresponds to an earlier
state of the system"; abstract).

As per claim 5, Aoyama teaches the storage media is divided
into more than one subset of storage media to provide a separate
location for the data during the time that it is stored(figs. 6
and 8).

As per claim 6, Aoyama teaches wherein the data is migrated
from one subset of storage media to another according to
conditions such as length of time the data has been stored, type
of data that has been stored, user that has stored the data,
combinations of the specified conditions and similar conditions
(fig. 6 clearly shows each set of data is migrated to other
subset based on the creator, data, and time).

As per claim 7, Aoyama teaches when the user desires to know information of the editing operation conducted in the past for documents and program source of a project and information of relationship between versions of constituent elements("a retrieval manager module having a master storage and backup map that is used to direct access to the data of the storage media such that data is retrieved only when specifically requested by the user"; col. 2, lines 13-22, fig. 1 shows the primary storage and secondary storage).

As per claims 8, and 10 Aoyama teaches a document management system "version management" indicates management of information items such as a version number of a document or a program source and a creation date of each version such that when a user edits and updates documents and program sources, it is possible to store and to retrieve any version of documents and program sources ("a method for a storage management system to display an index of stored data of a computer system and that allows a user access to a state of the computer system on a user specified date"; col. 1, lines 38-44), the method comprising: receiving data in the computer system;

storing the data into a storage media via an organizational

scheme that provides a separate storage location for various

versions, if any, of the data(figs. 6 and 8);

indexing the stored data according to the date that modifications

were made to the data and according to the storage location of

the data(fig. 6 shows indexing data in different chapters);

specifying a date on which to view the state of the computer

system(fig. 6 also shows the date and time which data has been

viewed); and

"version management" indicates management of information items

such as a version number of a document or a program source and a

creation date of each version such that when a user edits and

updates documents and program sources, it is possible to store

and to retrieve any version of documents and program sources(

"retrieving the stored data that correspond to the state of the

computer system on the specified date, the retrieved data

including an option to retrieve additional data, if any, with

respect to the retrieved data"; col. 1, lines 38-44).

As per claims 9, and 11, Aoyama teaches selecting the option

to retrieve the additional data to thereby retrieve the

additional data from the separate storage location of the storage

media((fig. 6 clearly shows each set of data is migrated to other

subset based on the creator, data, and time).

Conclusion

4. Any inquiry concerning this communication or earlier

communications from the examiner should be directed to Mehdi

Namazi whose telephone number is (703) 306-2758. The examiner

can normally be reached on Monday-Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are

unsuccessful, the examiner's supervisor, Mano Pedmanabhan, can be

reached on (703) 306-2903.

Any inquiry of a general nature or relating to the status of

this application or proceeding should be directed to the Group

receptionist whose telephone number is (703) 305-9600.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
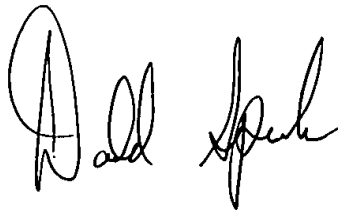
Washington, D.C. 20231

or faxed to:

> (703) 308-9051-2, (for formal communications intended for
> entry)

Or:

(703) 305-6606 (for informal or draft communications, please

label PROPOSED or DRAFT)

Hand-delivered responses should be brought to Crystal Park 2,

2121 Crystal Drive,

Arlington, VA., Sixth Floor (Receptionist).

M. Namazi
Patent Examiner
June 23, 2003

Donald A. Sparks
Supervisory Patent Examiner
TC 2100